FIG. 1

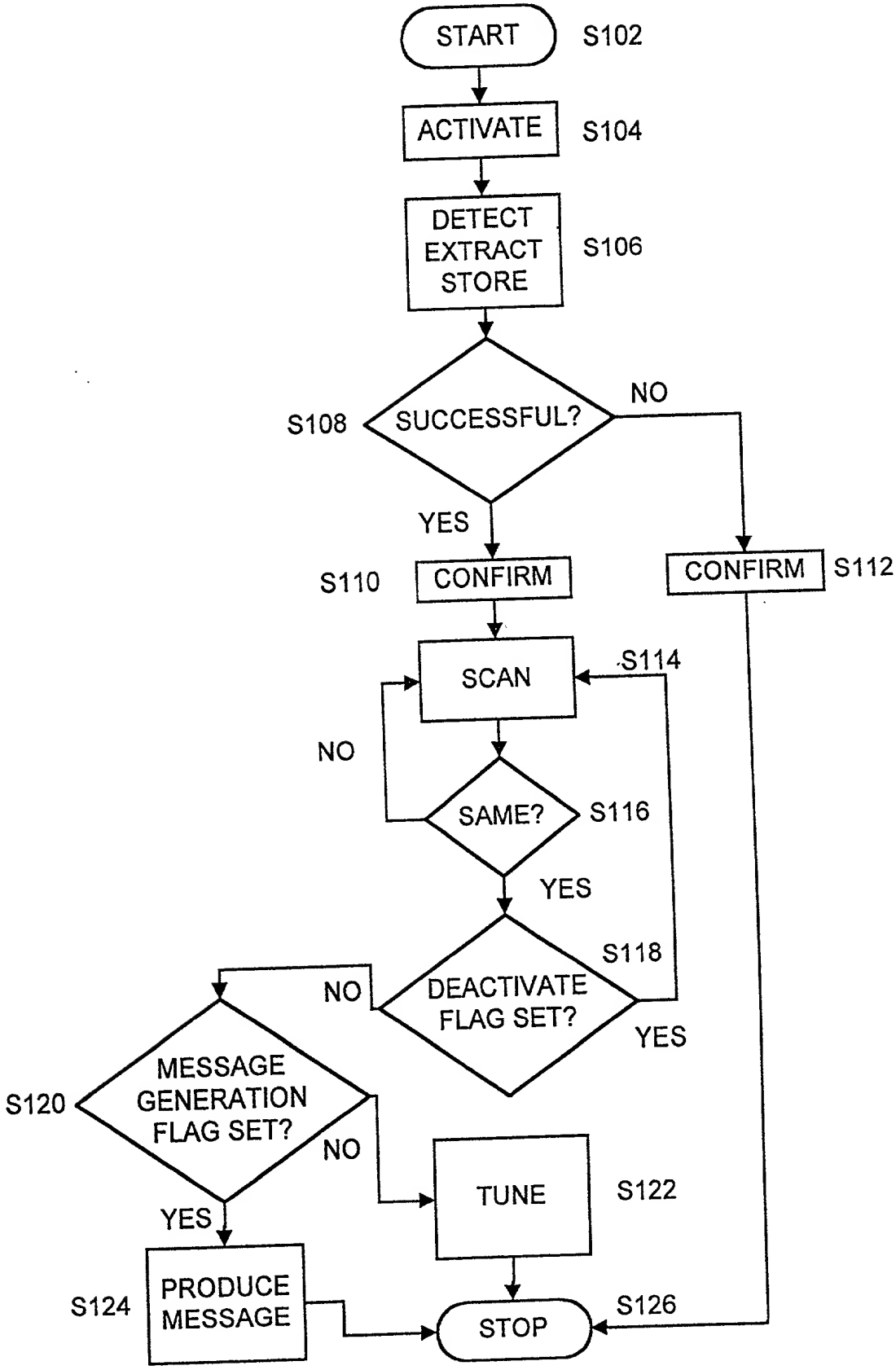
START
S102
ACTIVATE
S104
DETECT
EXTRACT
STORE
S106
S108
SUCCESSFUL?
NO
YES
S110
CONFIRM
CONFIRM
S112
SCAN
S114
NO
SAME?
S116
YES
S118
NO
DEACTIVATE
FLAG SET?
YES
S120
MESSAGE
GENERATION
FLAG SET?
NO
TUNE
S122
YES
S124
PRODUCE
MESSAGE
STOP
S126

FIG. 2

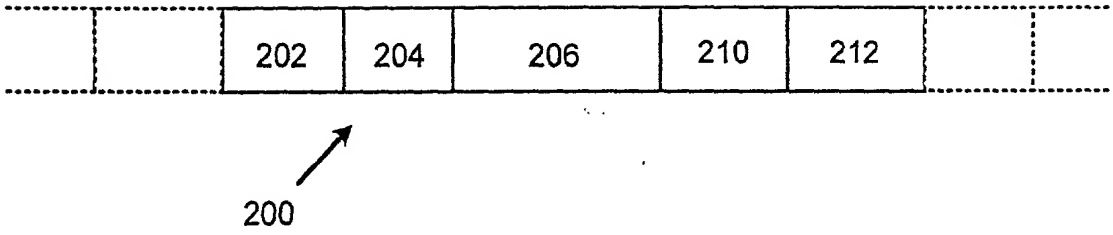

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FIG. 3

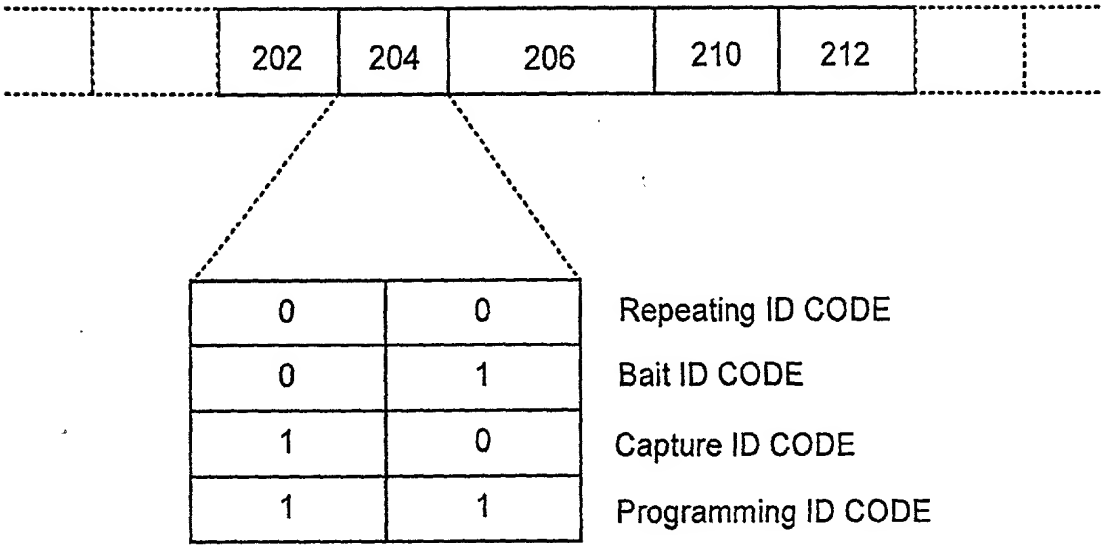

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FIG. 4(a)

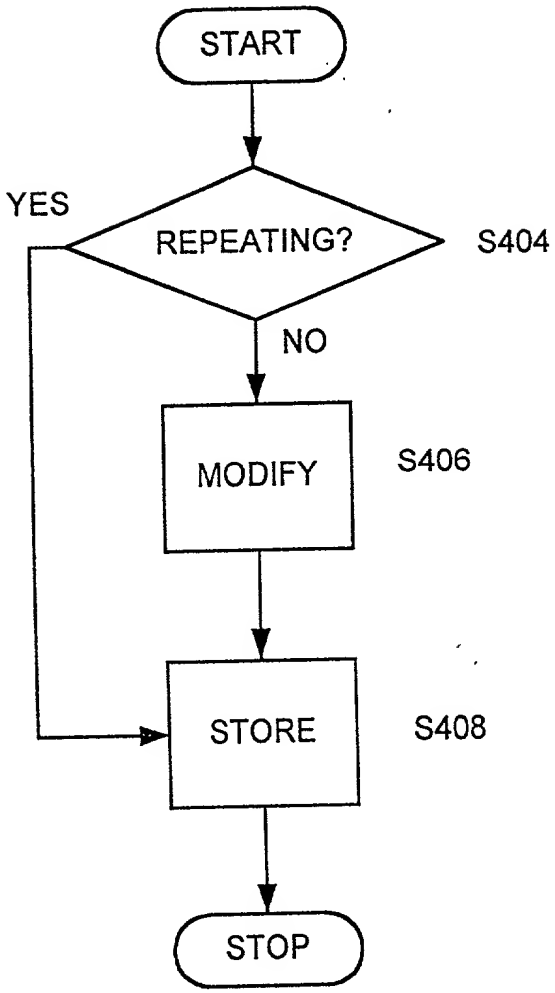


FIG. 4(b)

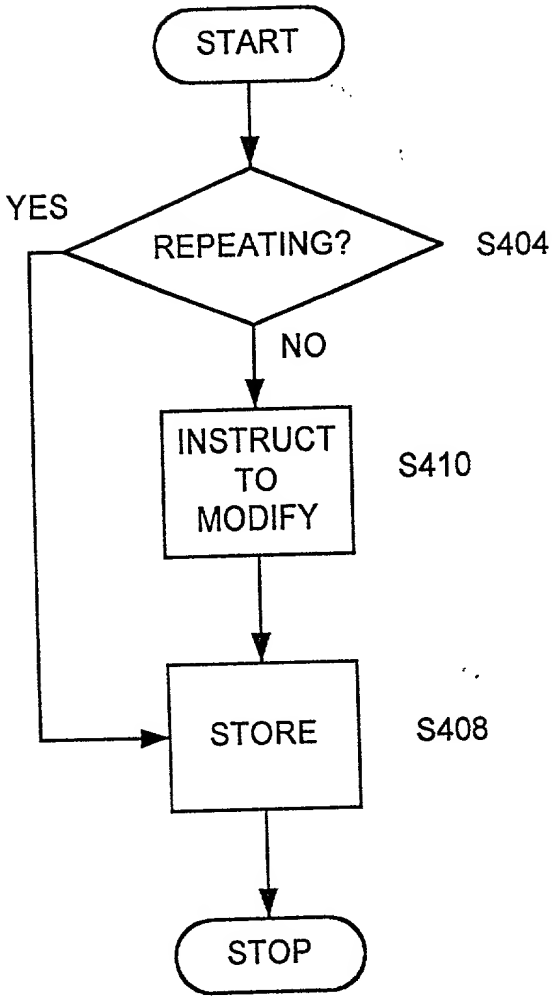

START
YES
REPEATING?
S404
NO
INSTRUCT TO MODIFY
S410
STORE
S408
STOP

FIG. 5 (a)

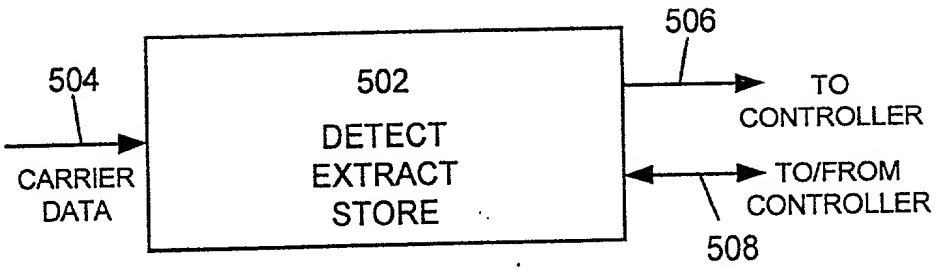

506
504
502
TO
CONTROLLER
DETECT
EXTRACT
STORE
CARRIER
DATA
TO/FROM
CONTROLLER
508

FIG. 5 (b)

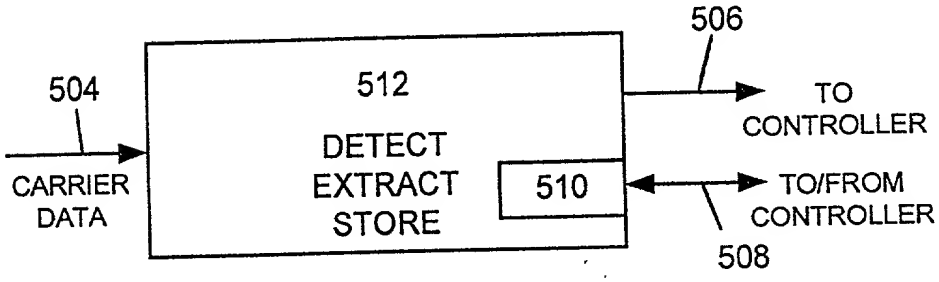

506
504
512
TO
CONTROLLER
DETECT
EXTRACT
STORE
510
CARRIER
DATA
TO/FROM
CONTROLLER
508

FIG. 6

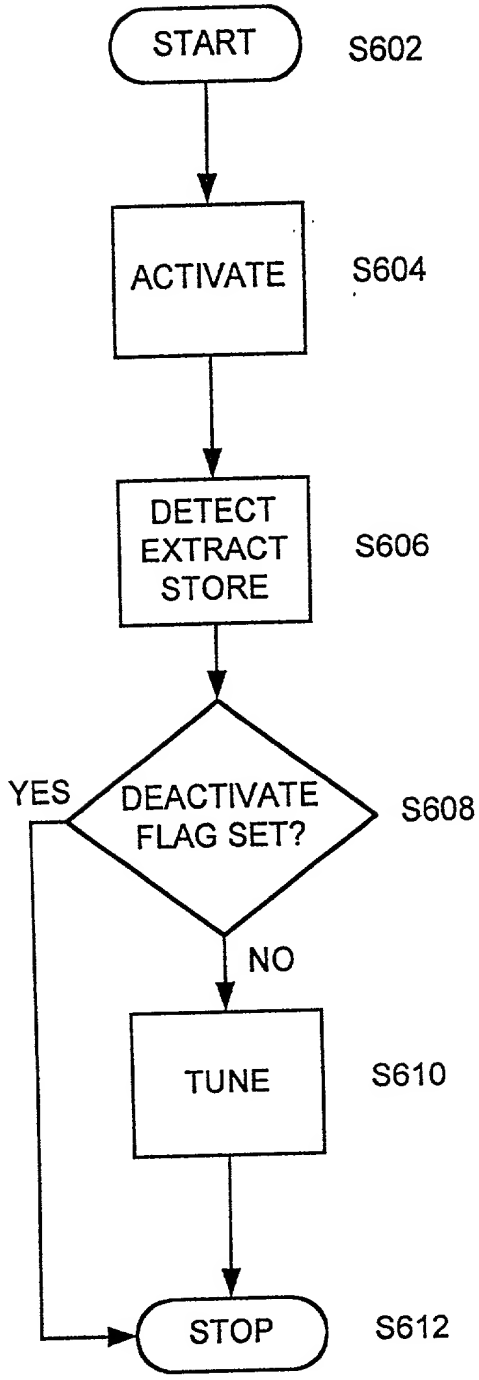

START
S602
ACTIVATE
S604
DETECT
EXTRACT
STORE
S606
YES
DEACTIVATE
FLAG SET?
S608
NO
TUNE
S610
STOP
S612

FIG. 7

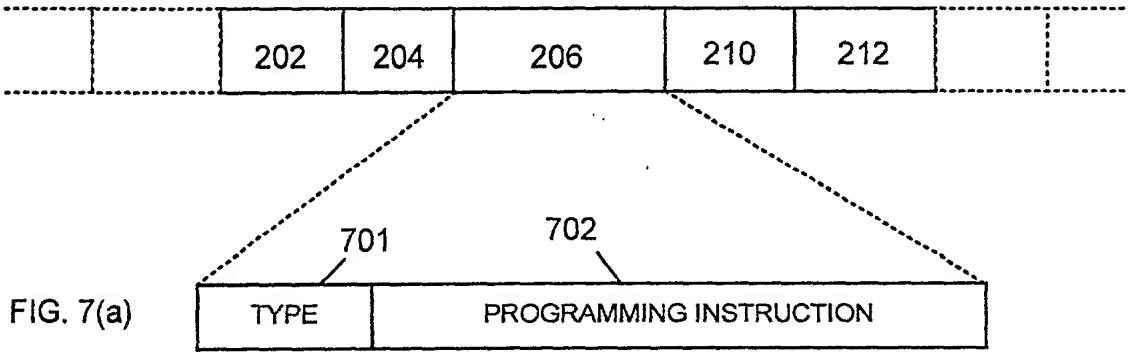


FIG. 7(a)

TYPE	PROGRAMMING INSTRUCTION

FIG. 7(b)

001	DATE TIME

FIG. 7(c)

010	DATE TIME DURATION

FIG. 7(d)

011	DATE TIMESTART TIMESTOP

FIG. 7(e)

100	DATE TIME CHANNEL

FIG. 7(f)

101	DATE TIME DURATION CHANNEL

FIG. 7(g)

110	DATE TIMESTART TIMESTOP CHANNEL

FIG. 8(a)

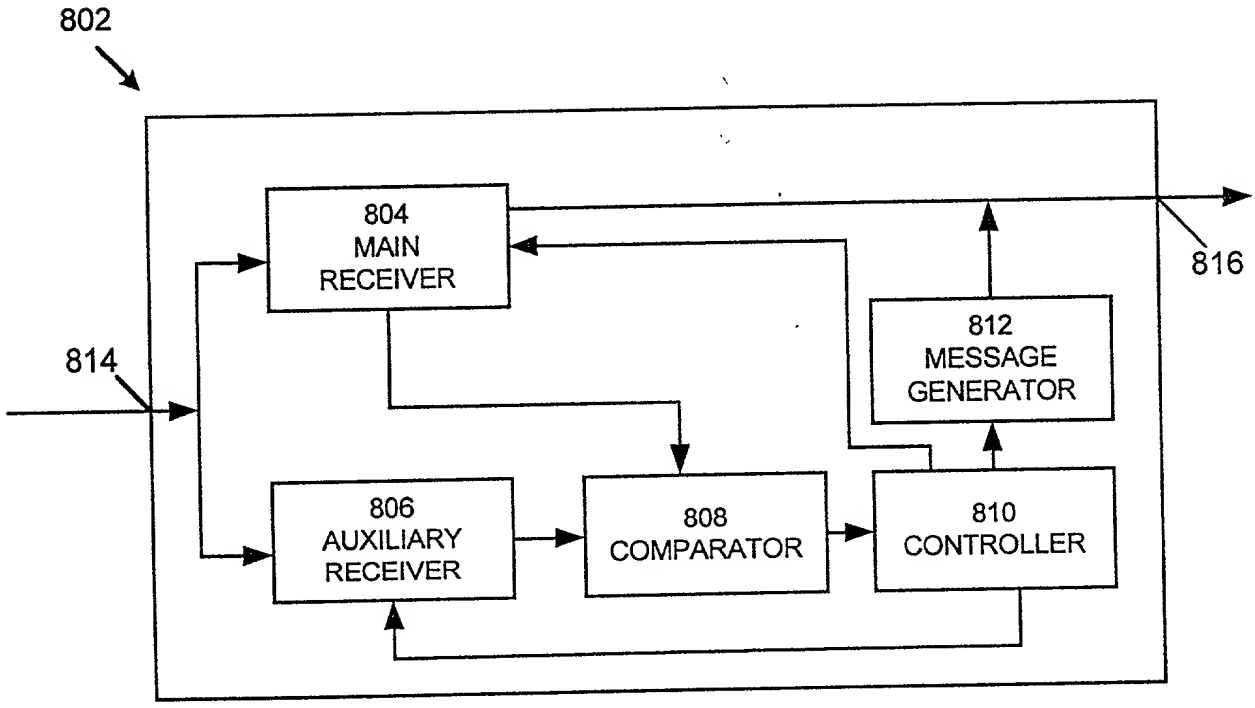

802
804
MAIN
RECEIVER
816
814
812
MESSAGE
GENERATOR
806
AUXILIARY
RECEIVER
808
COMPARATOR
810
CONTROLLER

FIG. 8(b)

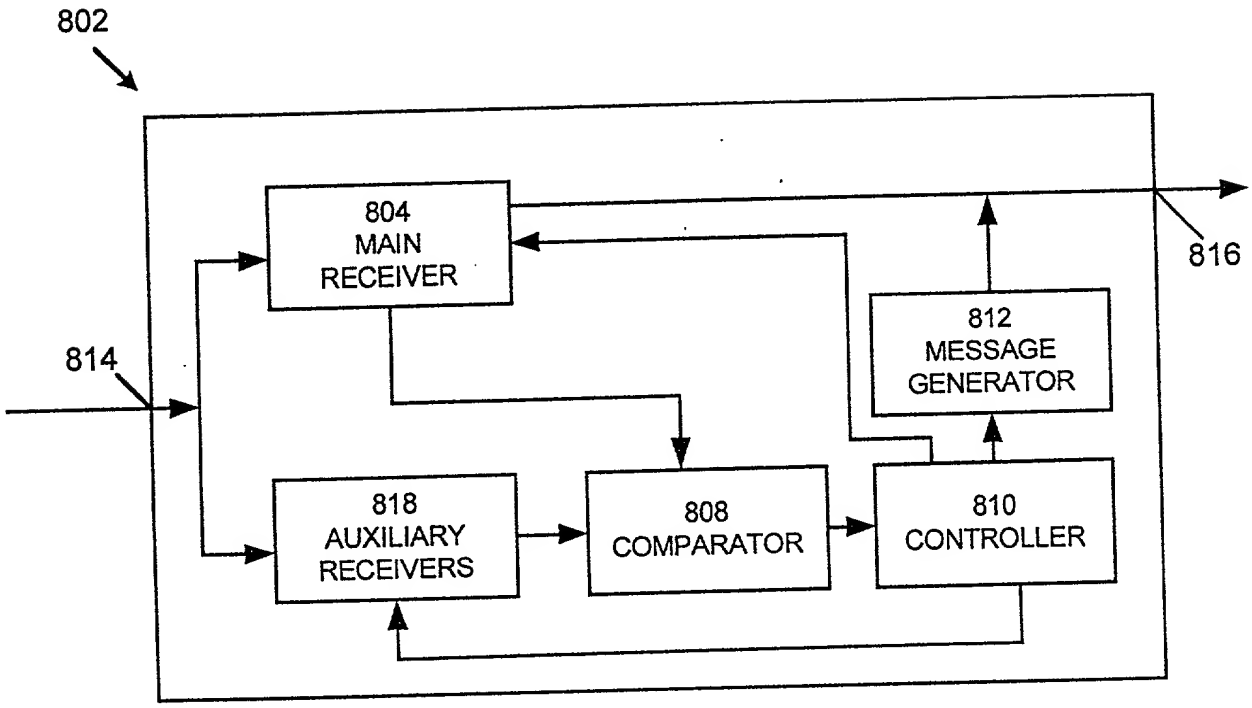

802
804
MAIN
RECEIVER
816
814
812
MESSAGE
GENERATOR
818
AUXILIARY
RECEIVERS
808
COMPARATOR
810
CONTROLLER

FIG. 9(a)

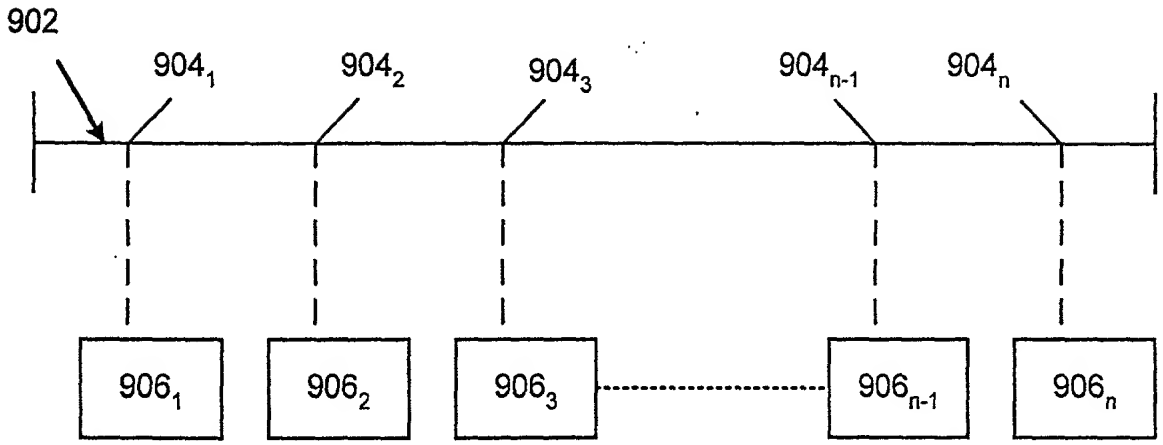

902
904_1
904_2
904_3
904_{n-1}
904_n
906_1
906_2
906_3
906_{n-1}
906_n

FIG. 9(b)

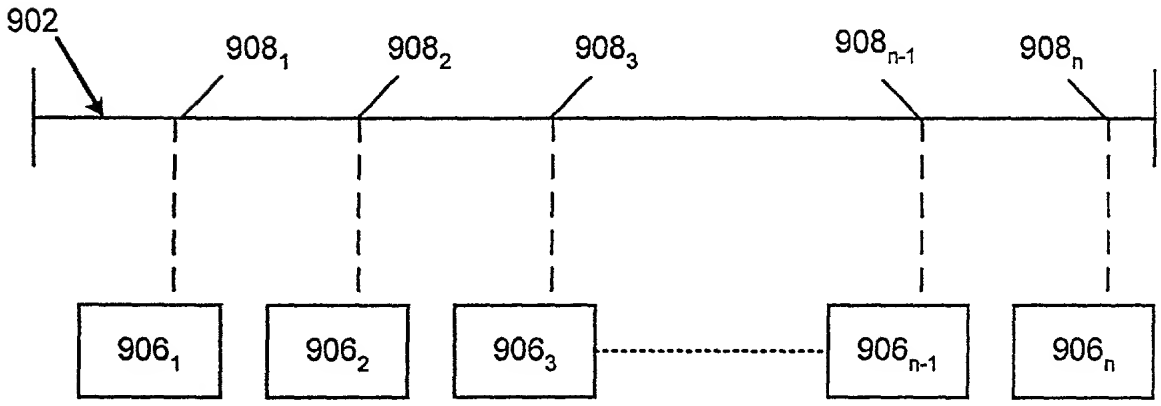

902
908_1
908_2
908_3
908_{n-1}
908_n
906_1
906_2
906_3
906_{n-1}
906_n

FIG. 10(a)

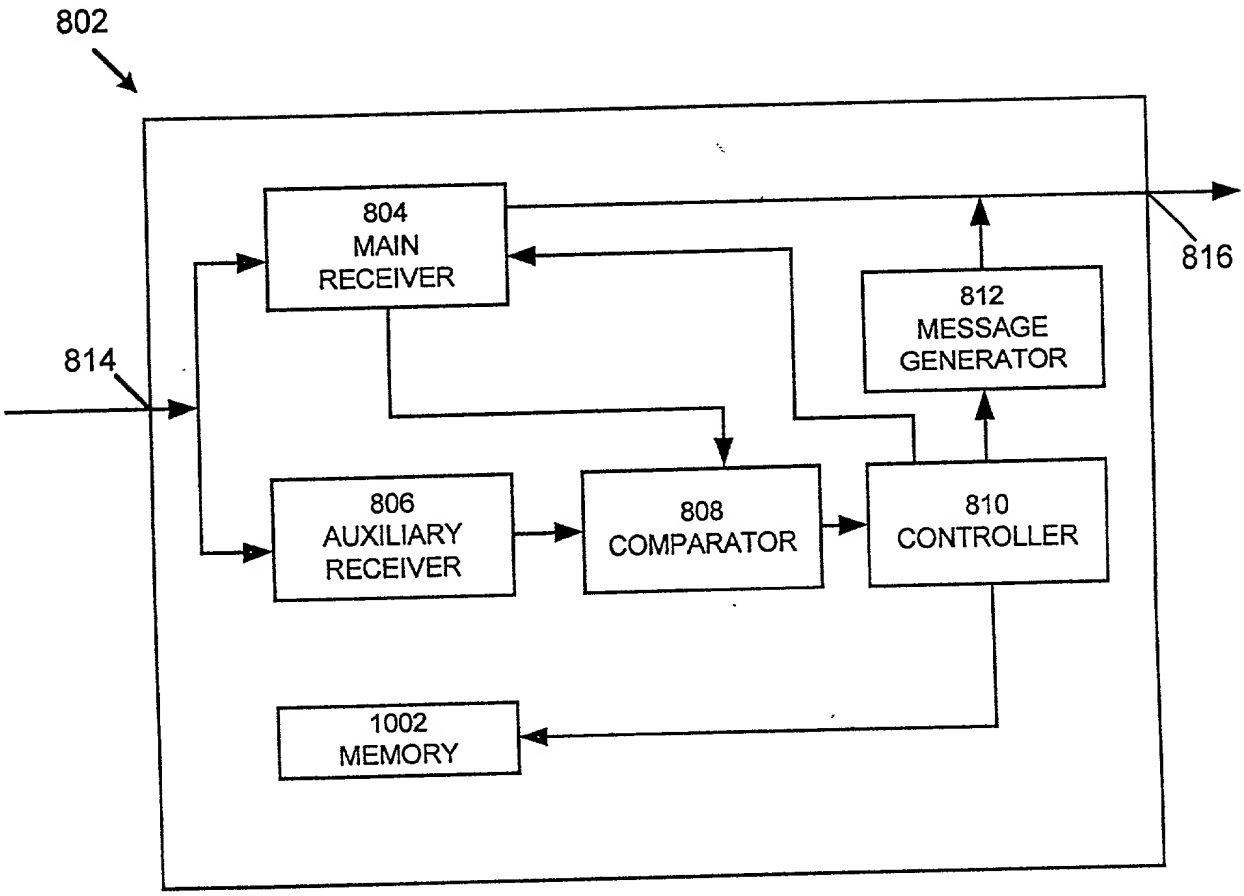

802
804
MAIN
RECEIVER
816
812
MESSAGE
GENERATOR
814
806
AUXILIARY
RECEIVER
808
COMPARATOR
810
CONTROLLER
1002
MEMORY

FIG. 10(b)

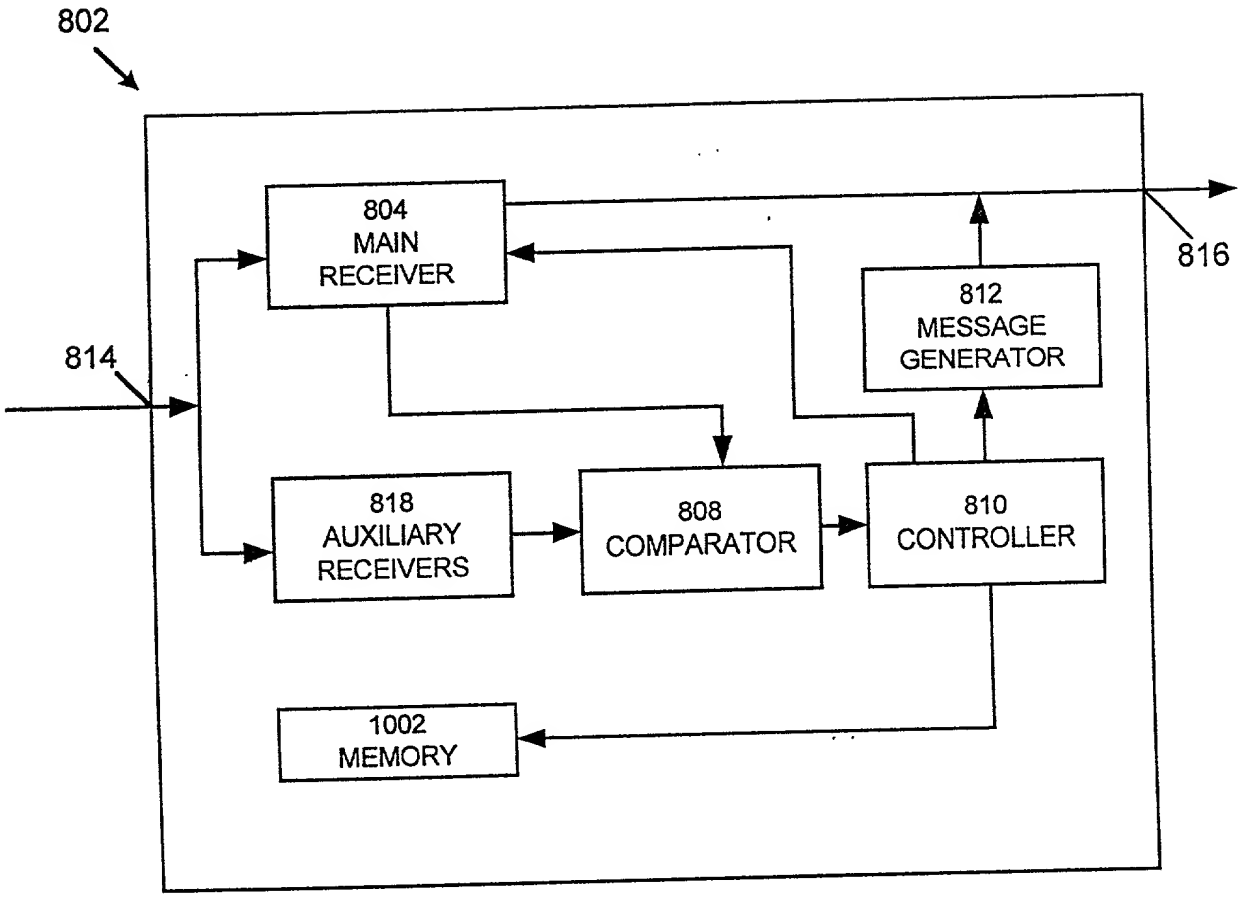
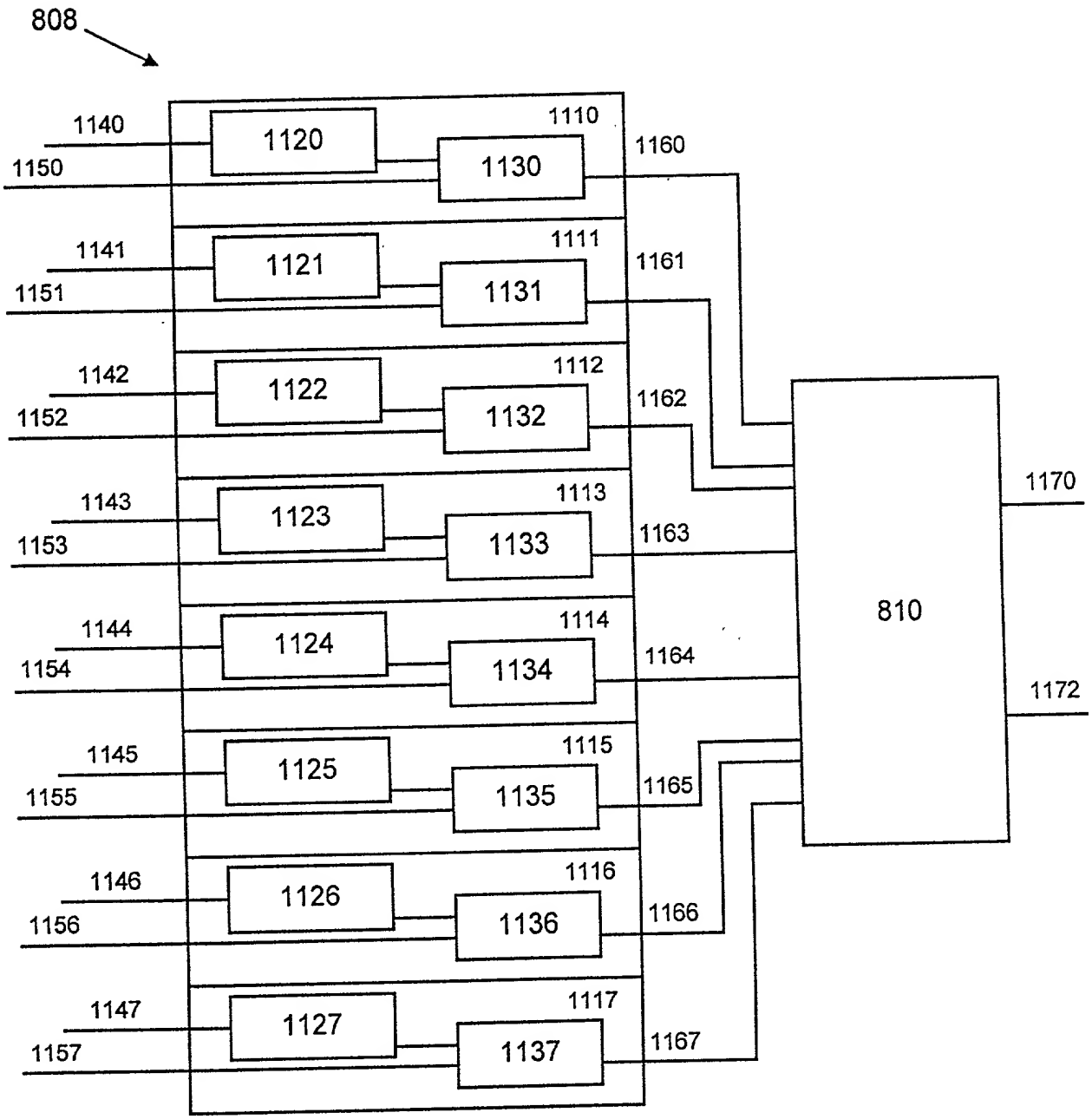

802
804
MAIN
RECEIVER
816
812
MESSAGE
GENERATOR
814
818
AUXILIARY
RECEIVERS
808
COMPARATOR
810
CONTROLLER
1002
MEMORY

FIG. 11


808
1140
1150
1120
1110
1130
1160
1141
1151
1121
1111
1131
1161
1142
1152
1122
1112
1132
1162
1143
1153
1123
1113
1133
1163
1144
1154
1124
1114
1134
1164
1145
1155
1125
1115
1135
1165
1146
1156
1126
1116
1136
1166
1147
1157
1127
1117
1137
1167
810
1170
1172

TOSOFT 29998660

FIG. 12

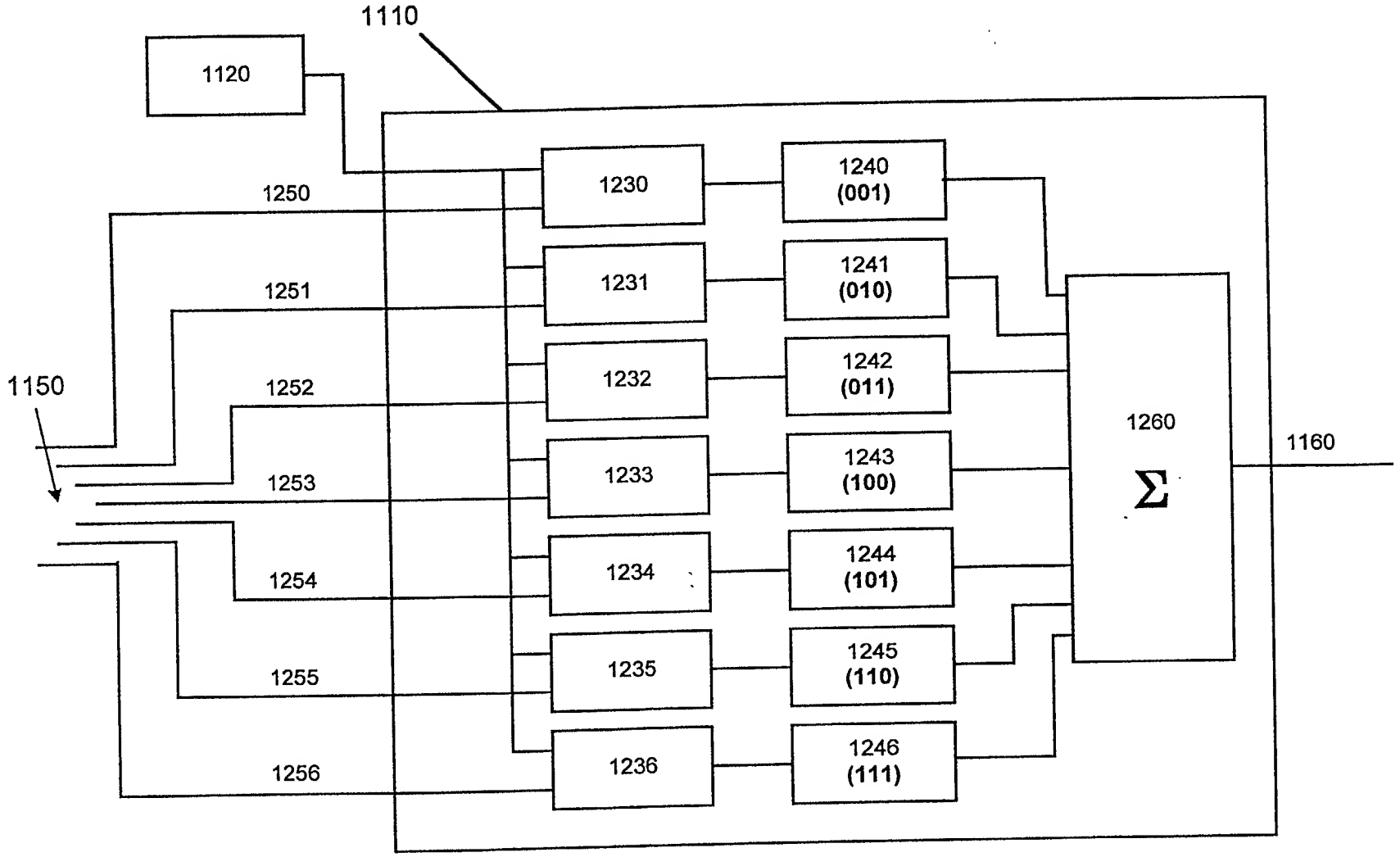
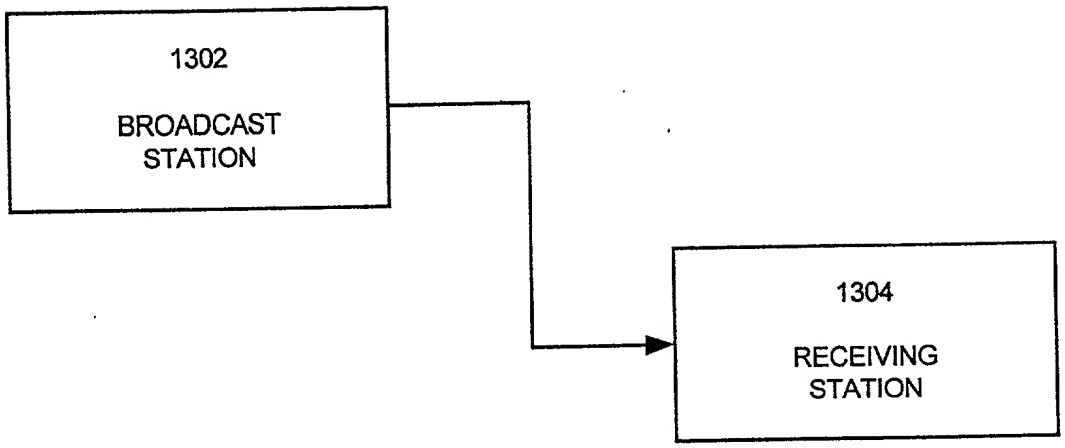


FIG. 13



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